

SEQUENCE LISTING

<110> Thomashow, Linda S.
Delaney, Shannon M.
Mavrodi, Dmitri V.
Weller, David M.

<120> Sequences Encoding PhzO and Methods

<130> 0229.99

<150> US 60/236,634

<151> 2000-09-29

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<170> PatentIn version 3.1

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5

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10

15

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Arg Thr Val Ile Tyr Gln Gly Gln Val Val Glu Asp Val Thr Thr His

25

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ttc tct acg gct gga ggc ata tcg caa gtt gca gaa atc tac gaa gaa 256

Phe Ser Thr Ala Gly Gly Ile Ser Gln Val Ala Glu Ile Tyr Glu Glu

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Gly Tyr Leu Ala Ser Ser Ala Tyr Met Pro Pro Arg Asn Lys Glu Asp

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85

PATENT

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90 95 100

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Leu Ser Glu Thr Ile Val Asp Pro Gln Gly Tyr Arg Ala Arg Thr His
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170 175 180

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Docket No. 0229.99

Thomashow et al.

PATENT

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220 225 230

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Docket No. 0229.99

Thomashow et al.

Variable	Mean	SD	Min	Max	Median	Q1	Q3	Mode	Skewness	Kurtosis	Jarque-Bera	Prob > Chi-Sq
Age	35.5	10.5	20	65	35	30	40	35	-0.1	3.2	0.07	0.80
Gender	0.5	0.5	0	1	0.5	0	1	0	0.0	0.0	0.00	0.95
Marital Status	0.7	0.4	0	1	0.7	0	1	0	0.0	0.0	0.00	0.95
Education	12.5	1.5	10	16	12	11	13	12	-0.2	1.5	0.15	0.70
Income	1500	500	500	3000	1200	800	1800	1000	-0.5	2.5	0.05	0.85
Health	0.8	0.3	0	1	0.8	0	1	0	0.0	0.0	0.00	0.95
Stress	4.5	1.5	1	7	4	3	5	4	-0.1	3.0	0.08	0.78
Depression	2.5	1.0	1	5	2	1	3	2	-0.2	1.8	0.10	0.72
Life Satisfaction	5.5	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Work-Life Balance	4.0	1.0	2	6	4	3	5	4	-0.1	3.0	0.08	0.78
Family Support	6.0	1.0	4	7	6	5	7	6	-0.1	3.0	0.08	0.78
Community Support	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Workload	7.0	1.0	5	9	7	6	8	7	-0.1	3.0	0.08	0.78
Job Satisfaction	4.5	1.0	3	6	4	3	5	4	-0.1	3.0	0.08	0.78
Organizational Commitment	5.5	1.0	4	7	5	4	6	5	-0.1	3.0	0.08	0.78
Perceived Stress	4.0	1.0	2	6	4	3	5	4	-0.1	3.0	0.08	0.78
Resilience	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Self-Efficacy	5.5	1.0	4	7	5	4	6	5	-0.1	3.0	0.08	0.78
Optimism	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Gratitude	5.5	1.0	4	7	5	4	6	5	-0.1	3.0	0.08	0.78
Forgiveness	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Emotional Regulation	5.5	1.0	4	7	5	4	6	5	-0.1	3.0	0.08	0.78
Prosocial Behavior	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Life Satisfaction (Revised)	5.5	1.0	4	7	5	4	6	5	-0.1	3.0	0.08	0.78
Work-Life Balance (Revised)	4.0	1.0	2	6	4	3	5	4	-0.1	3.0	0.08	0.78
Family Support (Revised)	6.0	1.0	4	7	6	5	7	6	-0.1	3.0	0.08	0.78
Community Support (Revised)	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Workload (Revised)	7.0	1.0	5	9	7	6	8	7	-0.1	3.0	0.08	0.78
Job Satisfaction (Revised)	4.5	1.0	3	6	4	3	5	4	-0.1	3.0	0.08	0.78
Organizational Commitment (Revised)	5.5	1.0	4	7	5	4	6	5	-0.1	3.0	0.08	0.78
Perceived Stress (Revised)	4.0	1.0	2	6	4	3	5	4	-0.1	3.0	0.08	0.78
Resilience (Revised)	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Self-Efficacy (Revised)	5.5	1.0	4	7	5	4	6	5	-0.1	3.0	0.08	0.78
Optimism (Revised)	5.0	1.0	3	7	5	4	6	5	-0.1	3.0	0.08	0.78
Gratitude (Revised)	5.5	1.0	4									

Docket No. 0229.99
Thomashow et al.

[illegible]

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PATENT

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Docket No. 0229.99

Thomashow et al.

[illegible]

PATENT

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195 200 205

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Docket No. 0229.99

Thomashow et al.

PATENT

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325 330 335

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Ala Ser Ile Glu Thr Ala Glu Met Ser Asp Gly Asp Ile Leu Leu Pro
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Lys Phe Ser Trp Phe Leu Asp Thr Gln Ser Val Gly Ala Arg Glu Lys
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PATENT

Thr Arg Ala Leu Val Phe Glu Glu Gln His Ala Leu Ser Glu Pro Leu
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SEQUENCE LISTING

<110> Thomashow, Linda S.

Delaney, Shannon M.

Mavrodi, Dmitri V.

Weller, David M.

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Arg Thr Val Ile Tyr Gln Gly Gln Val Val Glu Asp Val Thr Thr His	
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35 40 45

Gln Val Ala Glu Ile Tyr Glu Glu Gln Phe Ser Gly Glu His Asp Asp
50 55 60

Ile Leu Thr Tyr Val Arg Pro Asp Gly Tyr Leu Ala Ser Ser Ala Tyr

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Met	Pro	Pro	Arg	Asn 85	Lys	Glu	Asp	Leu	Ala 90	Ser	Arg	Arg	Arg	Ala 95	Ile		
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Met	Ile	Ala 115	Ser	Phe	Thr	Val	Gly 120	Met	Met	Gly	Tyr	Leu 125	Pro	Thr	Phe		
Arg	Lys 130	Lys	Cys	Pro	Glu	Tyr 135	Ala	Glu	Asn	Ile	Thr 140	Glu	Tyr	His	Asp		
Tyr 145	Ala	Glu	Arg	Asn 150	Ser	Leu	Tyr	Leu	Ser	Glu 155	Thr	Ile	Val	Asp	Pro 160		
Gln	Gly	Tyr	Arg	Ala 165	Arg	Thr	His	Gly	Thr 170	Asp	Leu	Asn	Leu	Pro 175	Pro		
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Glu 210	Ile	Phe	Val	Gly	Ser	Leu 215	Phe	Pro	Ala	Ala	Pro 220	Glu	Glu	Ser	Phe		
Trp 225	Ala	Tyr	Val	Pro	Val 230	Asp	Ala	Pro	Gly	Val 235	Lys	Ile	Phe	Cys	Arg 240		
Glu	Ile	Val	Ser	Gln 245	Pro	His	Ala	Ser	Ala 250	Tyr	Asp	His	Pro	Leu 255	Ile		
Ser	Lys	Gly	Glu 260	Glu	Ala	Glu	Ala	Met 265	Val	Val	Phe	Asp	Asn 270	Val	Phe		
Ile	Pro	Arg 275	Trp	Arg	Ile	Met	Ala 280	Ala	Asn	Val	Pro	Glu 285	Leu	Ala	Ser		
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Ala Ser Ile Glu Thr Ala Glu Met Ser Asp Gly Asp Ile Leu Leu Pro
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Gly His Asn Ala Leu Ala Ala Gly Arg Val Phe Ala Met Glu Lys Leu
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Pro Arg Val Leu His Leu Leu Arg Glu Leu Cys Gly Gln Gly Leu Ile
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Leu Arg Phe Asn Glu Lys Asp Leu Ala Ala Asp Ala Ala Phe Gly Gln
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Lys Phe Ser Trp Phe Leu Asp Thr Gln Ser Val Gly Ala Arg Glu Lys
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Asn Leu Leu Met Asn Leu Val Trp Asp Val Ala Ala Ser Glu His Ser
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Thr Arg Ala Leu Val Phe Glu Glu Gln His Ala Leu Ser Glu Pro Leu
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